Declassified in Part - Sanitized Copy Approved for Release 2013/12/13 : CIA-RDP82-00457R007500720009-8

CLASSIFICATION SECRET/CONTROL - U. S. OFFICIALS O

INTELLOFAX 13

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

50X1

COUNTRY Germany (Russian Zone)

DATE DISTR. 23 April 1951

SUBJECT Development of Radio Communications Facilities and Equipment

NO. OF PAGES 2

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO REPORT NO.

50X1-HUM

CE COPY

CIRCULATE

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT 50 U.S.C., 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

50X1-HUM

1. Orders given by the Ministerium fuer Post-und Fernmeldewesen (Ministry for Postal Service and Telecommunications)(MPF) to the RFT (Radio Telephone and Telegraph) Central Laboratory for Signal and Special Equipment and to the RFT radio plant in Koepenick included the designing and construction of one mobile 20-kw transmitter, one 2x100-kw twin-transmitter to replace the Berlin transmitter, one 50-kw short-wave transmitter, and one 50-kw single side-band transmitter for commercial purposes. The target date for the completion of the first two projects was set for the fall of 1951. The fulfillment of this schedule will meet with difficulties because of the shortage of materials and experts with experience in the construction of large transmitters.

2. The Leipzig branch plant of the C. Lorenz AG, an enterprise under RFT trusteeship, constructed radio transmitters until 1949. Transmitters with a capacity of 20 kws were constructed for Bernburg, Schwerin, and Erfurt. Two small short-wave transmitters were also built. At the present time the plant overhauls and alters medium and small radio transmitters and produces only high-frequency generators for industrial purposes. One 100-kw thermionic transmitter (Gluehsender) and one 20-kw thermionic transmitter were delivered to the Oberspreewerk.

3. The Ministerium fuer Staatssicherheit (Ministry for State Security) ordered all radio transmitter and receiver stations to be guarded by police. Previously some transmitters were protected by police of the postal service.

4. Development in the field of television is carried on by the office of the Intendant General for Broadcasting Stations. Television studios are being installed in the new Berlin-Adlershof broadcasting station. A television transmitter is to be constructed by the Postal Administration in the vicinity of Alexanderplatz, in the center of Berlin. Technical equipment to be designed and constructed for this project by the plant for telecommunications (Oberspreewerk) includes camera sets, transmitters, transmitter tubes, aerials, receivers, decimeter directional transmitters connecting studio and transmitter station, and test equipment. The greatest difficulties are connected with the construction of the camera sets.

5. The following information was obtained in the field of radio communications:

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY

50X1-HUM

STATE	x	NAVY	x	NSRB		DISTRIBUTION	Document No. 9
ARMY #	x	AIR #	x	FBI		OSI Ew x	

☐ Declassified
Class. Change To:
Auth: 16 AUG 1978

Declassified in Part - Sanitized Copy Approved for Release 2013/12/13 : CIA-RDP82-00457R007500720009-8

Declassified in Part - Sanitized Copy Approved for Release 2013/12/13 : CIA-RDP82-00457R007500720009-8

50X1

a. A decimeter connection between the broadcasting station located at Masuren Allee, Berlin, and the amplifier station at Lichtenberg, has not yet been approved by the SCC.

b. Test transmissions for the decimeter line connecting the exchange in central Berlin and Nauen were authorized.

c. The SCC prohibited the testing of 20 decimeter sets which had been repaired for the police by the RFT plant in Koepenick. The SCC wanted these sets for its own purposes.

d. Orders to investigate the propagation of centimeter waves were not approved by the SCC. The Ministry of Planning has been requested by the MFF to order these investigations by the "HF" (High-Frequency?) Plant for Telecommunications Equipment. However, decimeter directional transmitters (Dezimeter-Richtverbindungsgeraete) are being developed and manufactured in the Oberspreewerk. The construction of ultrashort-wave transmitters and the manufacture of tubes was hampered by the loss of experts.

e. The SAG "Kabel" Sachsenwerk in Radeberg has produced decimeter sets on reparations account.

Declassified in Part - Sanitized Copy Approved for Release 2013/12/13 : CIA-RDP82-00457R007500720009-8